Ekolos

RANGE HOOD

SERIES

EVL30SW

EVL36SW

EFL30GW

EFL36GW

ESQ30SW

ESQ36SW

ESL30SW.BW

ESL36SW.BW

USE, CARE, AND INSTALLATION MANUAL

Read all Instructions before installing and operating the appliance

XP02293(1)

1.WARNING-TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

a.) Use this unit only in the manner intended by the manufacturer ,If you have questions, contact the manufacturer.

b.) Before servicing or cleaning unit, switch power off at service panel and lock service panel to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device such as a tag. To the service panel.

c.) Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards , Including Fire-Rated construction .

d.) Sufficient air needed proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the national Fire Protection Association (NFPA), and the American Society for Heating Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.

e.) When cutting or drilling into wall or ceiling , do not damage electrical wiring and other hidden utilities .

f.) Dusted fans must always be vented to the outdoors.

g.) If this unit is toy be installed over a tub or a shower , it must be marked as appropriate for the application and be connected to a GFCL (Ground Fault Interrupter protected branch circuit.

h.) NEVER place a switch where it can be reached from a tub or shower.

i.) WARNING-TO REDUCE THE RISK OF FIRE, USE ONLY MENTAL DUCT WORK.

j.) Make sure the power is off before installing, wiring or maintenance.

2. "CAUTION"-For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.

3. WARING-TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE:

a.) Never leave surface units unattended at high settings. Bou overs cause smoking and greasy spillovers that may ignite, Heat oils slowly on low or medium settings.

b.) Always turn hood on when cooking at high heat or when cooking flaming foods.

c.) Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.

d.) Use proper pan size. Always use cookware appropriate for the size of the surface element.

e.) Keep fan, filters and grease laden surface clean.

f.) Use high hood setting on hood only when necessary.

g.) Don't leave hood unattended when cooking.

h.) Always use cookware and utensils appropriate for the type and amount of food being prepared.

i.) To get the best performance, the vertical clearance between the cook-top and the range hood should range from 26" to 30".

4.WARNING-TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE ,OBSERVE THE FOLLOWING[a]:

a.) SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner, BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.

b.) NEVER PICK UP A FLAMING PAN-You may be burned.

c.) DO NOT USE WATER, including wet dishcloths or towels a violent steam explosion will result.

d.) Use an extinguisher only if:

1. You know you have a class ABC extinguisher, and you already know how to operate it.
2. The fire is small and contained in the area where it stared.
3. The fire department is being called.
4. You can fight the fire with your back to an exit.

e."WARNING-TO Reduced The Risk Of Fire Or Electric Shock, Do Not Use This Fan With Any Solid-State Speed Control Device".

[a]Based on "Kitchen Fire Safety Tips" published by NFPA.

SAFETY NOTICE 2

INSTALLATION

Mounting Height & Clearance 3
Ducting Options 4
Hood Specifications 5-7
Mounting the Range Hood 8
Ductless Recirculating..... 9

FEATURES & CONTROLS

Touch Controls 10

MAINTENANCE

Cleaning and Metal Mesh Filter Care 11
Lights 12

TROUBLESHOOTING..... 13

IMPORTANT SAFETY NOTICE

WARNING

INSTALLATION

The installation in this manual is intended for qualified installers, service technicians or persons with similar qualified background. DO NOT attempt to install this appliance yourself. Injury could result from installing the unit due to lack of appropriate electrical and technical background.

All electrical wiring must be properly installed, insulated and grounded. Overly accumulated grease in old duct work should be cleaned out or duct work should be replaced if necessary to avoid the possibility of a grease fire. Check all joints on duct work in insure proper connection and all joints should be properly taped.

OPERATIONS

Read all instructions in this manual before operating the appliance. Save these instructions for future reference.

Always leave safety grills and filters in place. Without these components, operating blowers could catch on to hair, fingers and loose clothing.

NEVER dispose cigarette ashes, ignitable substances, or any foreign objects into blowers.

NEVER leave cooking unattended. When frying, oil in the pan can easily overheat and catch fire. The risk of self combustion is higher when the oil has been used several times.

CLEANING

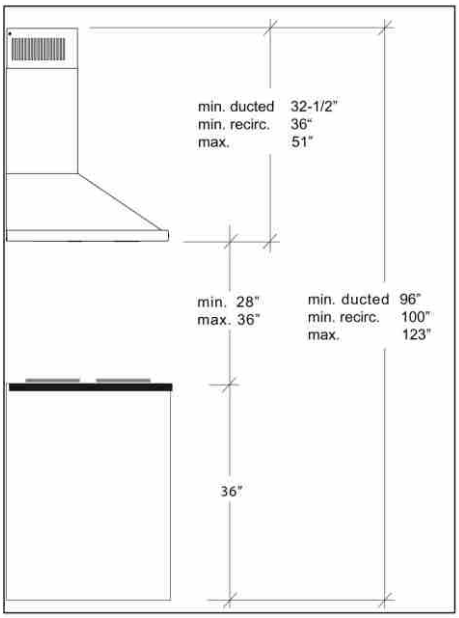
The saturation of greasy residue in the blower and filters may cause increased inflammability. Keep unit clean and free of grease and residue build-up at all times to prevent possible fires.

Filters must be cleaned periodically and free from accumulation of cooking residue (see cleaning instructions inside). Old and worn filters must be replaced immediately. Do not operateblowers when filters are removed. Never disassemble parts to clean without proper instructions. Disassembly is recommended to be performed by qualified personnel only. Call our service center for removal instructions.

The manufacturer declines all responsibility in the event of failure to observe the instructions given here for installation, maintenance and suitable use of the product. The manufacturer further declines all responsibility for injury due to negligence and the warranty of the unit automatically expires due to improper maintenance.

** Please check for latest specification revisions before any custom work or cutouts.*

Installation - Mounting Height & Clearance



Minimum mount height between range top to hood bottom should be no less than 28”
Maximum mount height should be no higher than 36”.

It is important to install the hood at the proper mounting height. Hoods mounted too low could result in heat damage and fi re hazard; while hoods mounted too high will be hard to reach and will lose its performance and effi ciency.

If available, also refer range manufacturer’s height clearance requirements and recommended hood mounting height above range. Always check your local codes for any differences.

Minimum Mounting Height (Ducted)
8’. Hood mounted 28” above cooking surface; 64” from floor.
Minimum Mounting Height (Recirculating)
8’4”. Hood mounted 28” above cooking surface; 64” from floor.
Maxmimum Mounting Height
10’3”. Hood mounted 36” above cooking surface; 72” from floor.

DUCTING

A minimum of 6” round or 3-1/4”x10” rectangular duct must be used to maintain maximum air flow efficiency.

Always use rigid type metal ducts only. Flexible ducts could restrict air fl ow by up to 50%.

ALWAYS, when possible, reduce the number or transitions and turns. If long duct run is required, increase duct size from 6” to 7” or 8”.

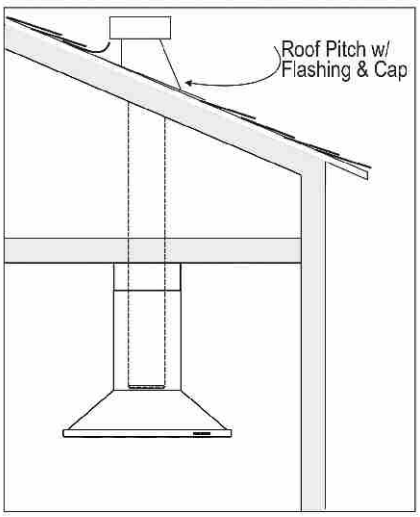
If turns or transitions are required; install as far away from opening and as far apart, between 2, as possible.

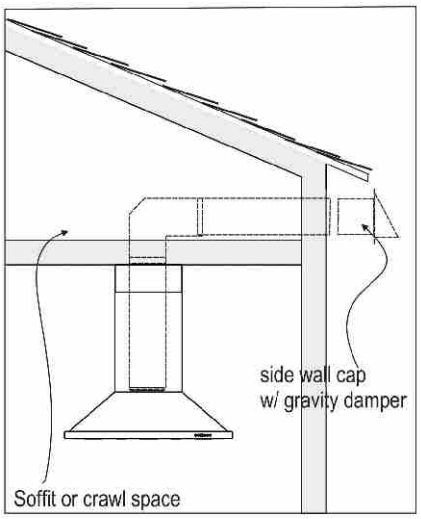
Duct cover extension kit available for ceiling heights up to 14 feet.

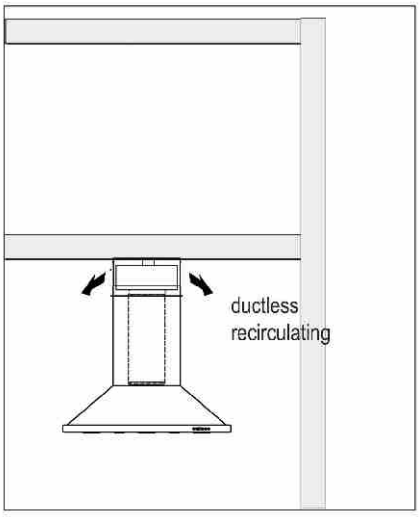
Installation - Ducting Options

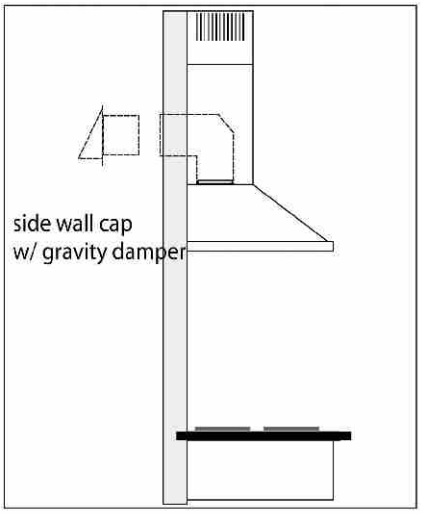
WARNING FIRE HAZARD
NEVER exhaust air or terminate duct work into spaces between walls, crawl spaces, ceiling, attics or garages.
All exhaust must be ducted to the outsid, unless using the recirculating option.
Use single wall rigid Metal ductwork only.
Fasten all connections with sheet metal screws and tape all joints with certified Silver Tape or Duct Tape.

Some Ducting Options



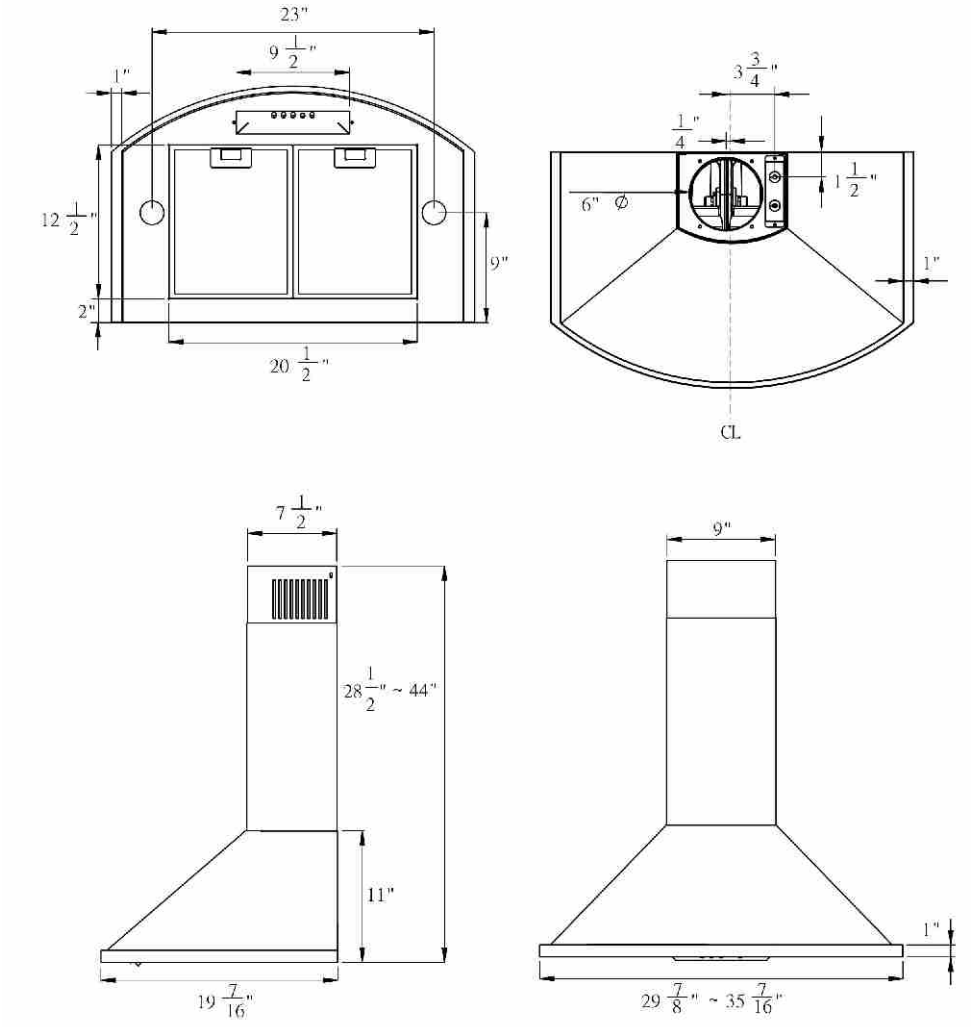






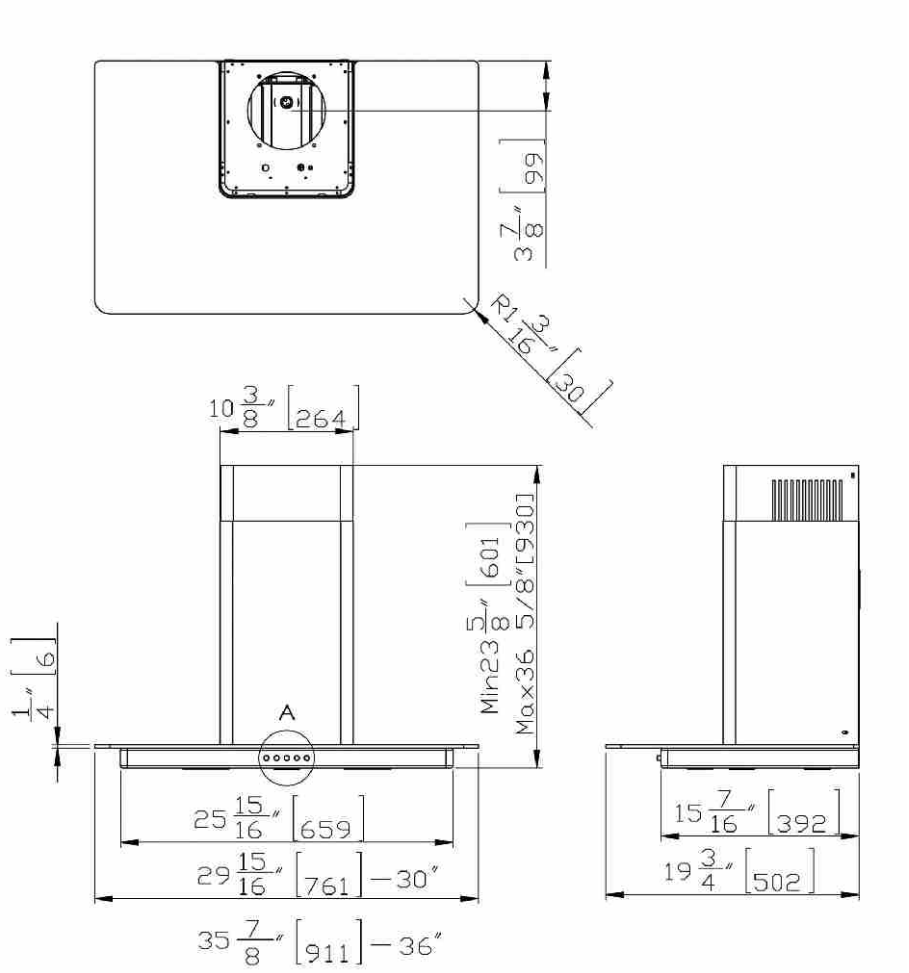
Installation -Hood Specifications

ESQ-30/36 SW
ESL-30/36-SW.BW



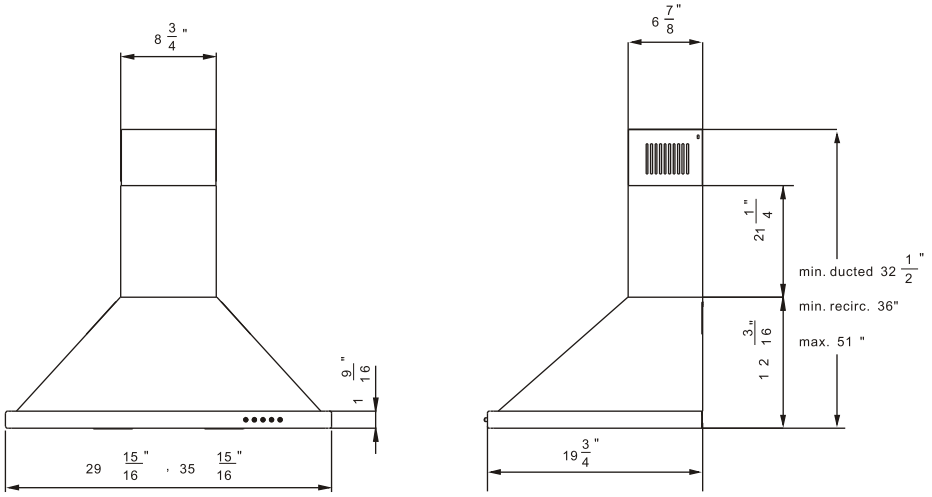
Installation -Hood Specifications

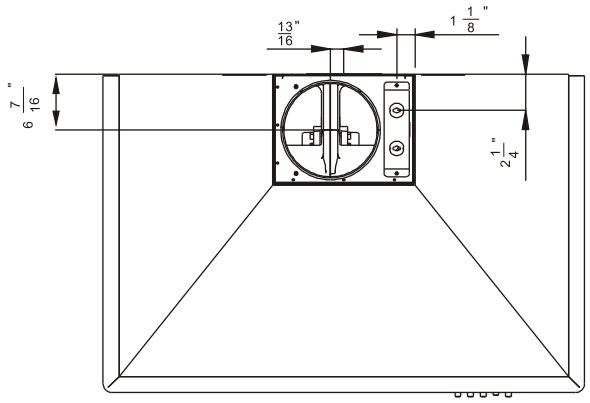
EFL-30/36GW



Installation -Hood Specifications

EVL-30.36SW





Installation - Mounting the Range Hood

⚠ CAUTION: At least two installers are required due to the weight and size of the hood.

1. Measure from range top to hood bottom and mark line A. (28”minimum from range top)
2. Plum and mark center line.
3. Mark mounting height line B. (10-3/8”from line A）
4. EVL series - Mark mounting spread from C/L on line B. (4”)
   ESQ/ESL series - Mark mounting height line B. (8”)
   EFL series -Mark mounting height line B. (15-3/8”)
5. Fasten (2) M4x1-1/4” screws into studs on line B. Do not fasten screws all the way. note: wood blocking may need to be added behind the drywall if no studs are present. Wall anchors may also be used, check local codes before using wall anchors.
6. Hang hood onto screws and hand tighten. (Fig.A) Use the last M4x1-1/4”screw to further secure the hood to the wall from inside the hood.
7. Center and attach duct cover bracket to wall below ceiling or soffit using (2) M4x1” screws.
8. Install electrical.
9. *Install duct work and duct tape.
10. Power up hood and check for leaks around duct tape.
11. Place telescopic duct covers onto hood and extend inner (top) duct cover upwards and secure to duct cover bracket using (2) M4x3/8” screws.

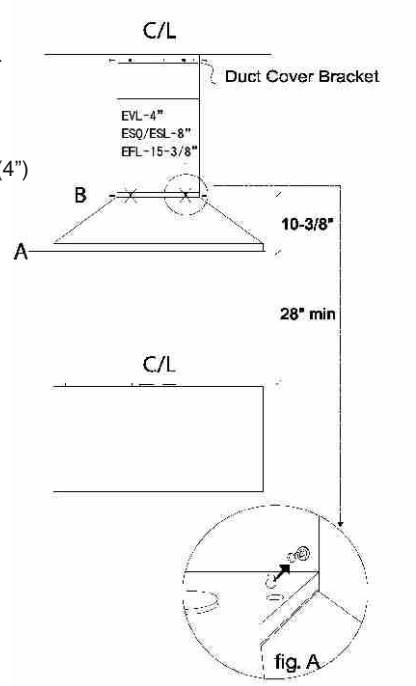


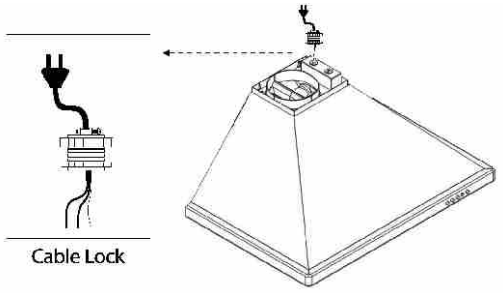
fig. A

*if using hood in recirculating mode you must secure air diverter plate onto wall before installing duct work and duct covers. Turn to page 9 for more details.

⚠ WARNING: Electrical wiring must be done by a qualified person(s) in accordance with all applicable codes and standards. This range hood must be properly grounded. Turn off electrical power at service entrance before wiring.

Cable Lock

A cable locking connector (not supplied) might be required by local codes. Check with local requirements and codes, purchase and install appropriate connector if necessary.

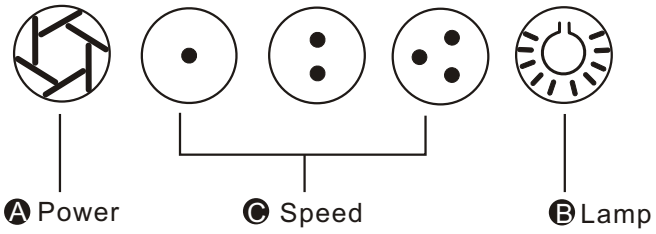


Installation - Ductless Recirculating

Ductless recirculating is intended for applications where an exhaust duct work is not possible to be installed.When converted, the hood functions as a recirculating hood rather than an exhaust hood. Fumes and exhaust from cooking are drawn and fi ltered by a set of optional charcoal fi lters. The air is then purified and recirculated back within the home.

We recommend to ALWAYS exhaust air outside of the home by employing existing or installing new duct work, if possible. The hood is most effective and effi cient as an exhaust hood. Only when the exhaust option is not possible should you recourse to converting the hood into a recirculating hood.

When converted to be a recirculating hood, a set of charcoal fi lters are required on top of its standard Metal Filter set. The standard Metal Filters are intended to
capture residue from cooking and the optional charcoal fi lters help to purify fumes exhausted from cooking for recirculation.



A. Power On/ Off

- Press " ⏻ " for off.

B. Lamp

- Press " ☼ " once for lamp on and twice for dim light.

C. Speed

- " • " is low speed.
- " ⁚ " is medium speed.
- " ⁘ " is high speed.

Maintenance- Cleaning and metal mesh filter care

SURFACE MAINTENANCE:
Clean periodically with hot soapy water and clean cotton cloth. Do not use corrosive or abrasive detergent , or steel wool/scouring pads which will scratch and damage surface.

For heavier soil use liquid degreaser.

After cleaning it is recommended that you use non-abrasive stainless steel polish/cleaners, to polish and buff out the stainless luster and grain. Always scrub lightly, with clean cotton cloth, and with the grain.

Do not use any product containing chlorine bleach. Do not use “orange” cleaners.

Metal Mesh Filters

The metal mesh filters installed by the factory are intended to fi lter out residue and grease from cooking. They need not be replaced on a regular basis but are required to be kept clean.

Filters should be cleaned after every 30 hours of use or once a month.

Remove and clean by hand or in dishwasher on low heat. Spray degreasing detergent and leave to soak if heavily soiled.

Dry fi lters and re-install before using hood.

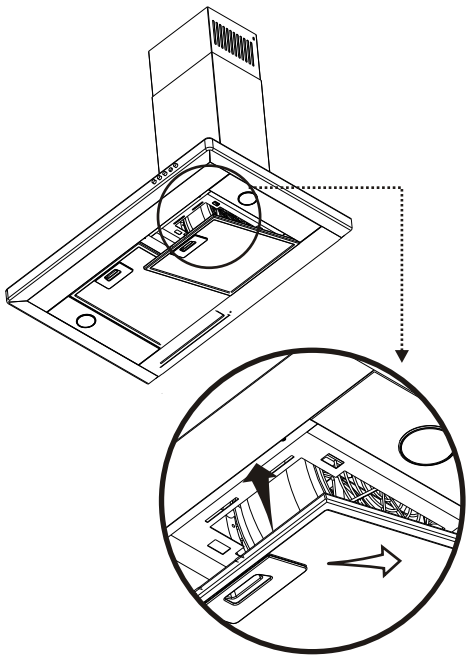
Removing Metal Mesh Filters

1. Push in on spring loaded handle

2. Pull down on fi lter hande to remove filter

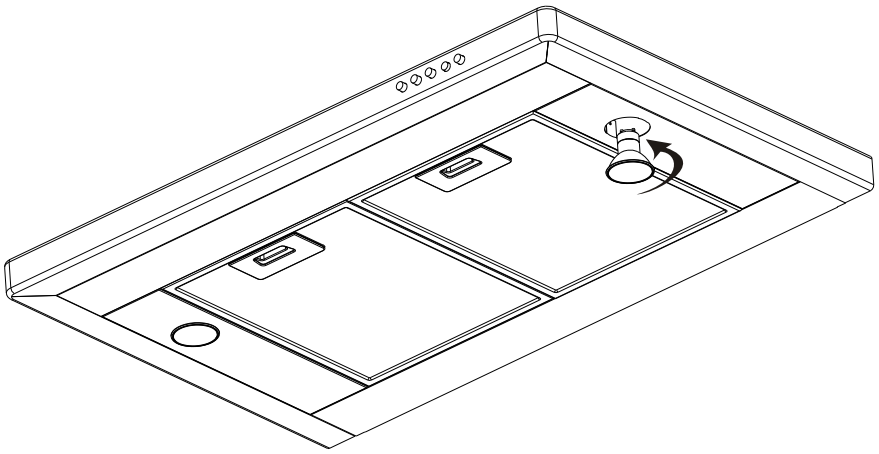
Metal Mesh Filter Dimensions:

12 5/8in. x 10 3/16in.
321mm x 259mm



REPLACING LIGHT BULBS

CAUTION: Light bulb becomes extremely hot when turned on.
DO NOT touch bulb until switched off and cooled. Touching hot bulbs could cause serious burns.
Make sure all power is turned off and bulbs are not hot.
Remove by turning bulb counter clockwise. Note: Bulb does not unscrew; it turns 60 degrees, stops and falls out.
If bulbs are diffi cult to turn due to prolonged use, fi rmly attach a glass suction cup approximately the diameter of the bulb or use a rubber/latex glove and turn counter clockwise.
Replacement bulbs are available at specialty lighting stores. Purchase type
Mr16 (GU-10) 35W halogen.



Troubleshooting

TROUBLESHOOTING PROCEDURES FOR EVL

Issue	Cause	What to do
After installation, the unit doesn't work.	1. The power source is not turned ON.	1. Make sure the circuit breaker and the unit's power is ON.
	2. The power line and the cable locking connector is not connecting properly.	2. Check the power connection with the unit is connected properly.
	3. The switch board and control board wirings are disconnected.	3. Make sure the wirings between the switch board and control board are connected properly.
	4. The switch board or control board is defective.	4. Change the switch board or control board.
Light works, but motor is not turning.	1. The motor is defective, possible seized.	1. Change the motor.
	2. The thermally protected system detects if the motor is too hot to operate and shuts the motor down.	2. The motor will function properly after the thermally protected system cool down.
	3. Damaged capacitor.	3. Change the capacitor.
	4. The switch board or control board is defective.	4. Change defective part.
The unit is vibrating.	1. The motor is not secure in place.	1. Tighten the motor in place.
	2. Damaged blower wheel.	2. Replace the blower.
	3. The hood is not secured in place .	3. Check the installation of the hood.
	4. The switch board or control board is defective.	4. Change defective part.
The motor is working, but the lights are not.	1. Defective halogen bulb.	1. Change the halogen bulb.
	2. The light bulb is loose.	2. Tighten the light bulb.
The hood is not venting out properly.	1. The hood might be hanging to high from the cook top.	1. Adjust the distance between the cook top and the bottom of the hood within 26" and 36" range.
	2. The wind from the opened windows or opened doors in the surrounding area are affecting the ventilation of the hood.	2. Close all the windows and doors to eliminate the outside wind ow.
	3. Blockage in the duct opening or duct work.	3. Remove all the blocking from the duct work or duct opening.
	4. The direction of duct opening is against the wind.	4. Adjust the duct opening direction.
	5. Using the wrong size of ducting.	5. Change the ducting to correct size.
Metal lter is vibrating.	1. Metal lter is loose.	1. Change the metal filter.

CUT OFF ON DOTTED LINE

REGISTRATION CARD

Please fill out this registration card and send it to Pacific Range Hood Limited. You will need to attach a copy of the original bill of sale with this form. The warranty period will start from the date of sale indicated on the original bill of sale.

The details of the product can be found on the serial number sticker located on the splash shield of the unit:

PRODUCT: **SERIAL NUMBER:**

- ☐ EVL30SW
- ☐ EVL36SW
- ☐ ESL30SW
- ☐ ESL36SW
- ☐ ESL30BW
- ☐ ESL36BW
- ☐ EFL30GW
- ☐ EFL36GW
- ☐ ESQ30SW
- ☐ ESQ36SW

_____

FOLD HERE

OWNER DETAILS

Date: _____

Name: _____

Street Address: _____

City/Province: _____ Postal Code: _____

Purchased From: _____

Detach this form, attach a copy of the original bill of sale, fold and tape closed, and drop in the mail box to the address indicated on the back panel.

FROM:

_____

_____

_____

_____

PACIFIC RANGE HOOD LIMITED
3419 KENNEDY ROAD
SCARBOROUGH, ONTARIO
M1V 4Y3 CANADA

PLEASE FILL-IN YOUR REGISTRATION CARD ON BACK

Ekolos

RANGE HOOD

PACIFIC RANGE HOOD LTD.

TOLL FREE: 1-866-808-8008

Printed in Conada